APPENDIX A

BENCHMARK CHARACTERISTIC ANALYSIS OF DATA FROM FIXED STATIONS IN THE WHITEWATER WATERSHED

Iron (ug/l)	Copper (ug/l)	PH	Dissolved Oxygen (mg/l)	Chloride (mg/l)	Hardness (mp/l)	TOC (mo/l)	E coli (CEII/100ml)	TKN (mg/l as N)	Sulfate (mg/l)	Dissolved Solids (mg/l)	Suspended Solids (mg/l)	Total Solids (mg/l)	Total Phosphorus (mg/l as P)	Nitrate (mg/l as N)	Cyanide (mg/l)	COD (mg/l)	BOD (mg/l)	Ammonia (mgri as rv)	Alkalinity (mg/l)			Station WHE-27		Zinc (ug/l)	ron (ug/l)	Copper (ug/l)		Dissolved Oxygen (mg/l)	Chloride (mg/l)	Hardness (mg/l)	IOC (mg/l)	E. CON (CFUTIVORII)	TKN (mg/ras N)	Sulfate (mg/l)	Dissolved Solids (mg/r)	Suspended Solids (mg/l)	otal Solios (mg/l)	lotal File (med)	villate (mg/i as iv)	Cyanide (mgn)	COD (mg/i)		nga as iv)			1	Station WHW-22	
7.4	7	21	21	5	25	4	24		4	A	25				22	67	24	2 5	2 20	Valid N				o	o	o	20	20	Ø1	20	3 0	0 6	3 0	n c	n c	2 0	2 5	23	23	23	9 0	0	23 5	3	23	/alid N		
260.5 15.47857	5					4.675	1003.333	0.45	43.25	445.5	18.2						-			N Medii				4/9100/ 0 020213 0 103111	399 6667 81 322/1 /18 0100	2.833333 0.691182	B 1435						416 3636	0.383333	32 56667						0 005	0.000	0 909091 0 574515 1 243667	0 078261 0 049975 0 106547	224.087	Mean		
7 0.543103							3 368.8937	0.358131	13.18823		2.368853											2		2070	81 322/	0 69118	802537 8 25195	CC/70 DL	23750	17 7646	261 7887	1 795093	-154 799	0 304335	28 99114	296 5861 347 7472	5 794072	355 5222	0.026492	2 1908			0 57451	0 04997	212 2272	-95.000% +95.000%	Confid	
3103 3	C4 7876 E87 3876	7 928832 8 167356	10.19213 11.92781	5 191668 79 61233	8297 3	1819 1	8937 1	9131 0	3823 7	5683 5	3853 3	4/8	3567 U.	00/		0 540				245 ROB4 263 7916	Did L			6	1 /18	2 4 9/ 3403	070	0 11 03243		5151976 9	7 292 2113	3 2 304907		5 0 462332	4 36 34219	347			2 0.073943	2 887461			5 1 24	5 0 10	2 235 9468	% +95 (Confid	
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10	240	0.00	11 32	38		2.55			9 0	44/		40	407		200	0 005	00	=	0.05	253	Median				3 475	120	2 1	9 0 0	10.5	21	284	2 05	30	0.4	32.5	330	œ	368	0.04	2.7	0.005		0.5	0 05	222	Median		
108 35	1042	306	232 20	0.212	053/	187	24080		1/0	1/82	1707	456	1314	3 0	99 5	0115	267 9	26 2	1.55	6370	Sum			1	28 75	2708	17	167 H7	216.6	126	6371	12.3	9160	23	196	1933	466	8548	1 155	58.4	0.01		20	- 00	5154	Sum		
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50	510	13	854	,	75	0.71	0000	500		500							38	24	0.2		m Maximum				72	960	1	8 46	13 88	26	340	23	6000	0.5	39	348	157	472	0.27	4.4	0.005	0000	3	0	2/0	Maximum		
6 6	101		7 84		270											0.005	73	0.5	0.05		-	Lower			2 25	92	2	8 045	9 42	19	258	co	10	0.3	30	299	•	351	0.015	2	Ě		0.5	000	117	annenn	Lower	
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13.4	319					37	F 05	00 4	0	23 5		17	68	0.07	12	0	37	0 95	2 0	22	Range	Quartile			3 05	448	0	0.28	2 575	4	46	00	150	5	, c	41	: =	: 1	0000	-					> 5		Quartile	
260 79	40921	15 742	0 0686	3 63505	898 088	1437 51	28 48917	2257432	0 0033	356,9167	4340 3	1470 9	2414 2	0.0023	0.578	7.6E-07	62,894	0.3/12				220			14 32142 3 784365	92019 87 303.3478	4 166667 2.041241	0 063529	2 939832	12	123/ 354 35.1/010	ECO.O.		ragen n	12 2000/	594 1667	207 KIII	1391 320 31 30031 11111337 32111337	1204 228 37 30051	TOODS OF	0 648954 0 805515	2	0 000907	n separat n 754611 N 160884 2 163468 D 490962 4 834479 0 95278	0.004279 0.065411 0.013639 2.512584 0.481337 5.904297 0.934764	752 1739	Variance	
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